

HUMAN METHIONINE SYNTHASE: CLONING, AND METHODS  
FOR EVALUATING RISK OF NEURAL TUBE DEFECTS,  
CARDIOVASCULAR DISEASE, AND CANCER

Abstract of Invention

5           The invention features a method for detecting an increased likelihood of  
hyperhomocysteinemia and, in turn, an increased or decreased likelihood of neural  
tube defects or cardiovascular disease. The invention also features therapeutic  
methods for reducing the risk of neural tube defects, colon cancers and related  
cancers. Also provided are the sequences of the human methionine synthase gene  
10   and protein and compounds and kits for performing the methods of the invention.

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